FIG. 1   The DigiAlbum Top-Level Structure
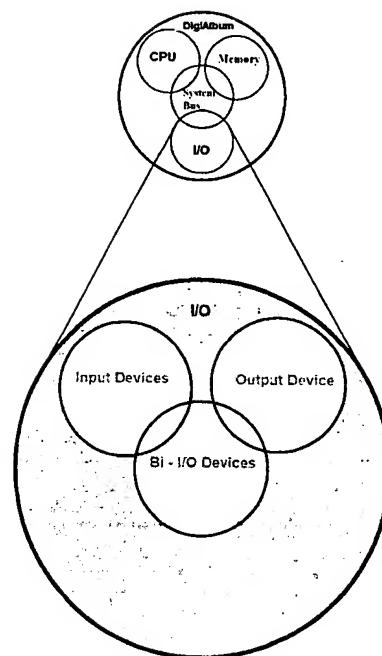
FIG. 2   The I/O
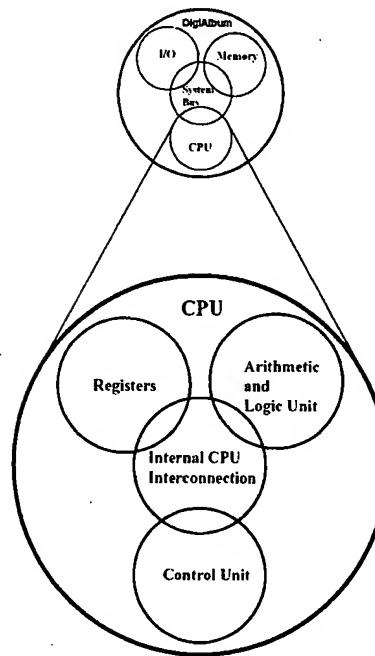
FIG. 3A   The Central Processing Unit (CPU)

Central processing unit (CPU)

Control
unit

Arithmetic
logical unit
(ALU)

Registers

Bus
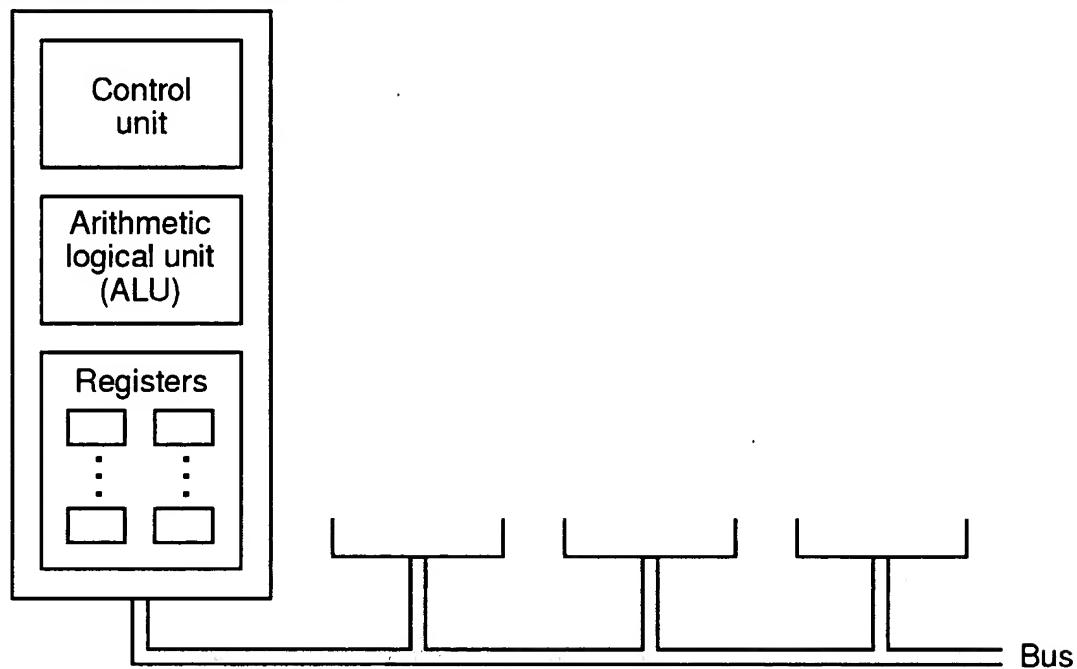
FIG. 3B: Top-Level Structure of the CPU on a System Bus
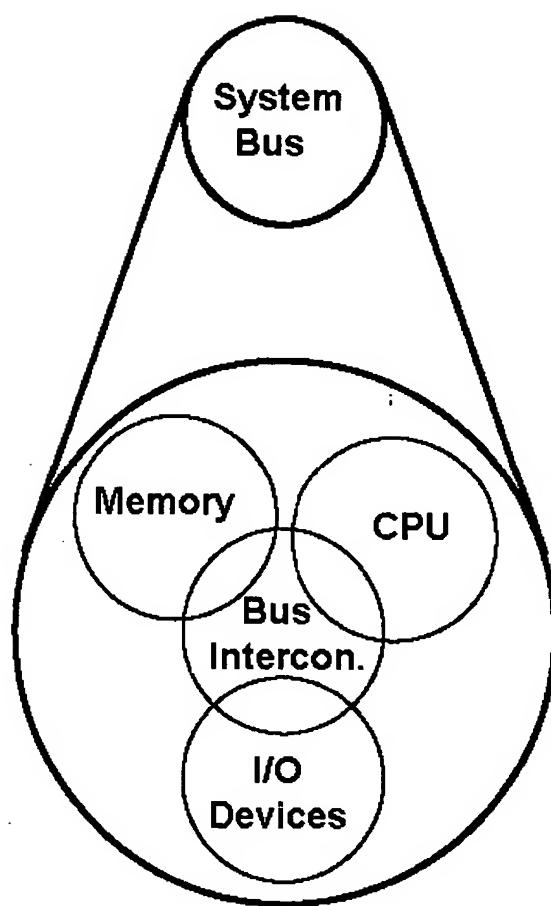
FIG. 4:   The System Bus Top-Level Structure

Input Devices

Input Devices

M. Stick
/Card

CD-drive

This is also
an output.
See Output
CD-RW.

Input
Interconnection

DC - DA

FIG. 5   The Input Devices

Output Device

Liquid Crystal Display

(LCD)
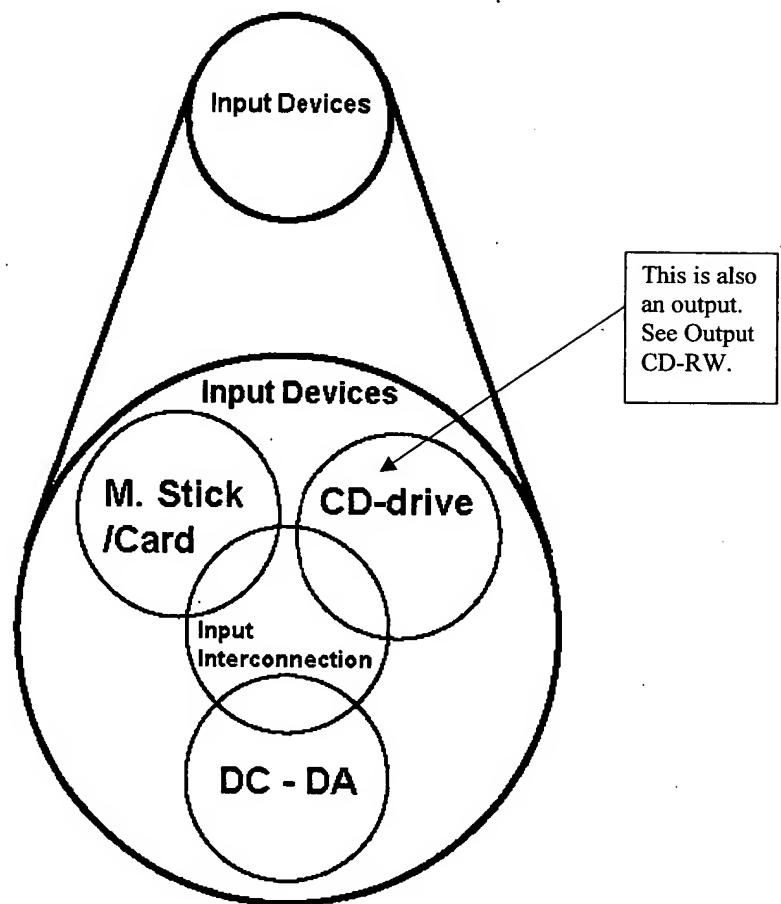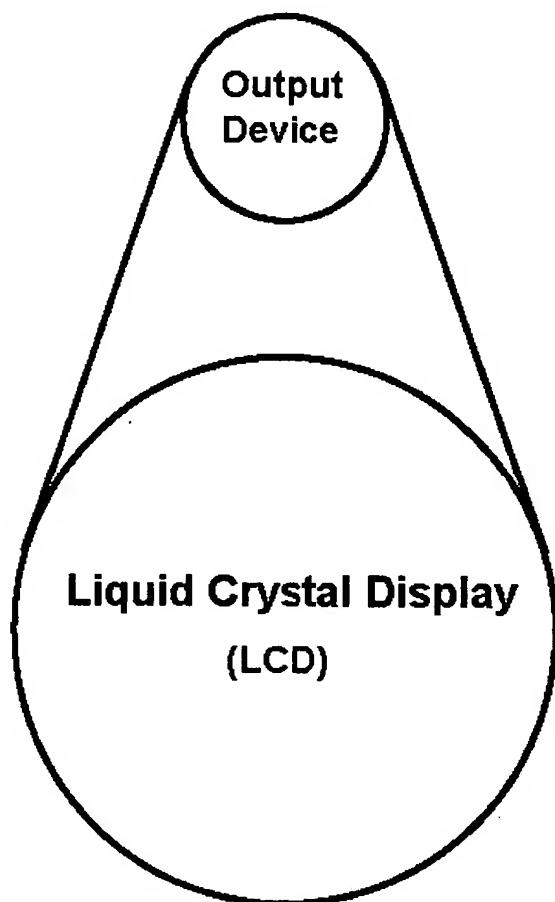
FIG. 6 The Output Display-LCD
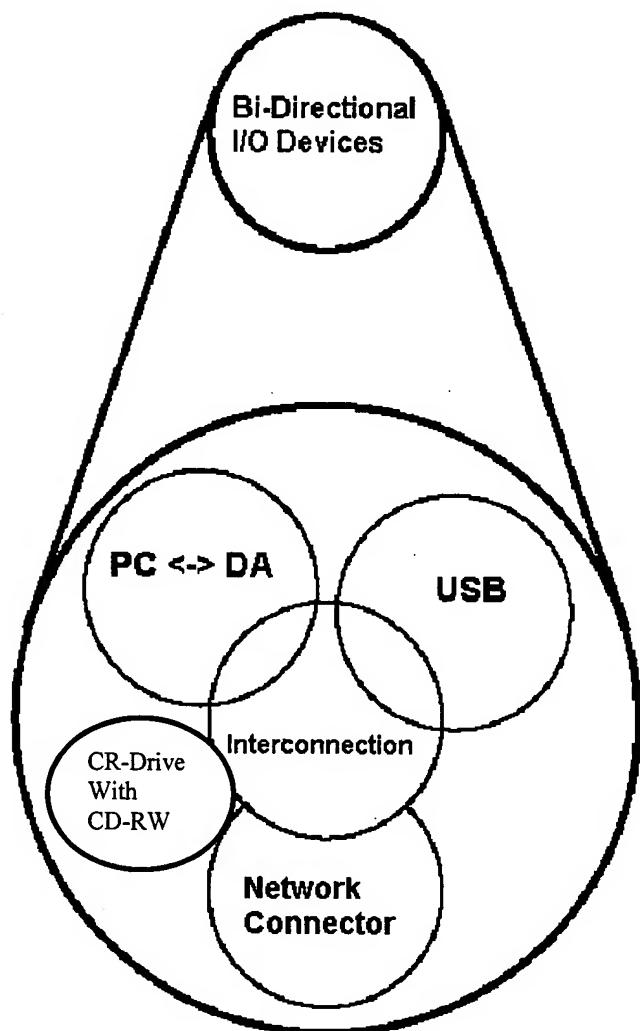
FIG. 7   The Bi-directional I/O

LCD

Remote

SanDisk
disk drives

Hard
disk drive

Infrared

| CPU | Memory | Video controller | Remote controller | SanDiskS disk controller | Hard disk controller |

Bus
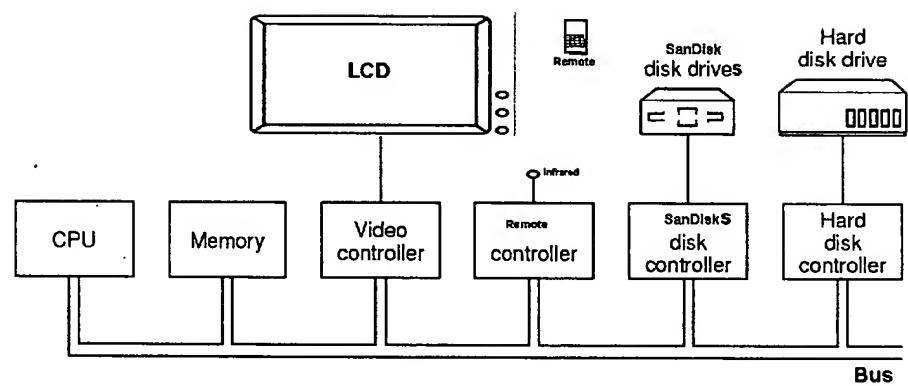
FIG. 8   The System Bus: Type 1

FIG. 9   The System Bus: Type 2

LCD

Remote

SanDisk
disk drives

Hard
disk drive

00000

Remoto

| CPU | Memory | Video controller | Remote controller | SanDiskS disk controller | Hard disk controller |

Bus

| | CD Drive | USB | Camera | PC | Network |
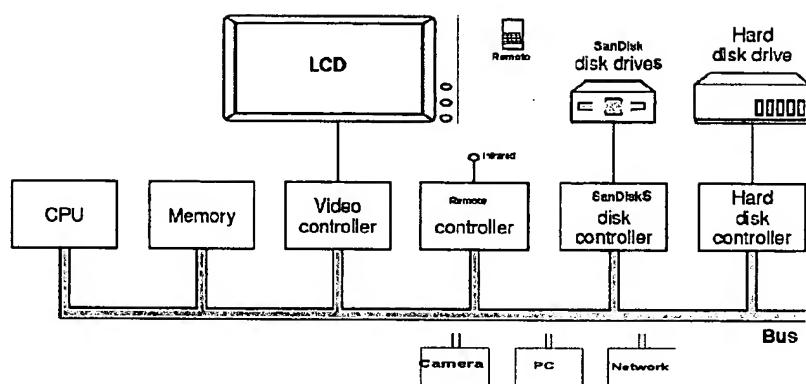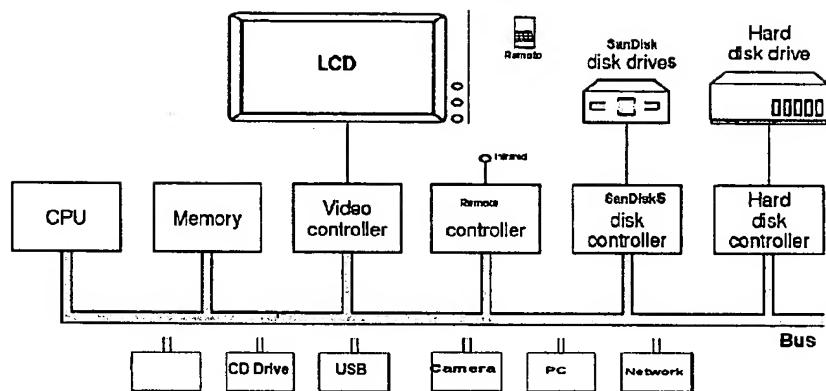
FIG. 10   The System Bus: Type 3

SanDisk
disk drives

Hard
disk drive

| CPU | Memory | Video controller | Remote controller | SanDiskS disk controller | Hard disk controller |

Bus

| | CD Drive | USB | Camera | PC | Network |

FIG. 11   System Bus: Type 4

Liquid crystal

Rear glass plate

Rear electrode

Front glass plate

Rear polaroid

Front electrode

Front polaroid

Dark

Bright

Light source

(a)

(b)
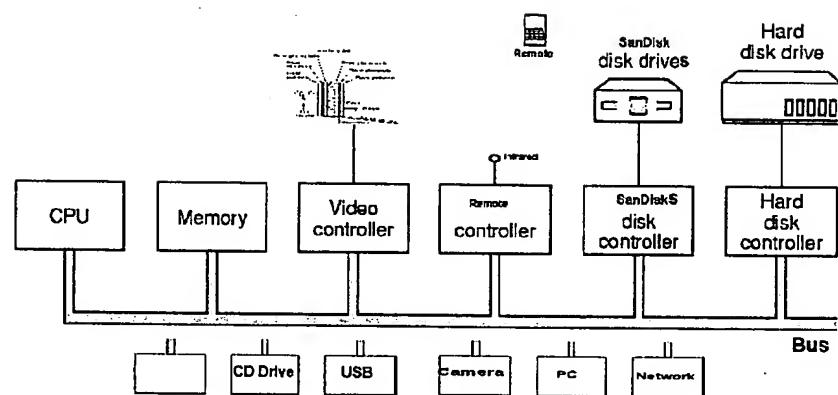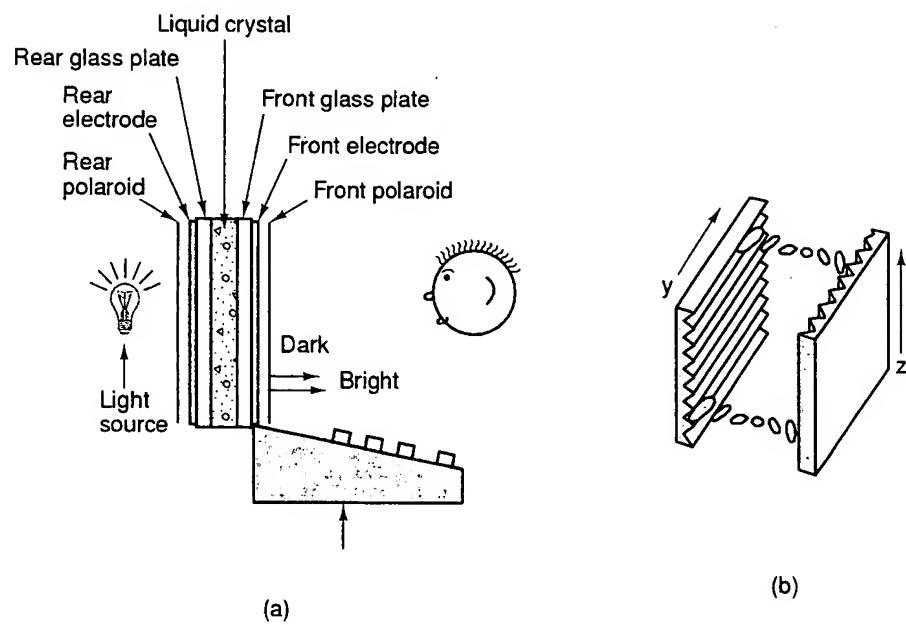
FIG. 12   Top-Level Structure of DigiNote

LCD
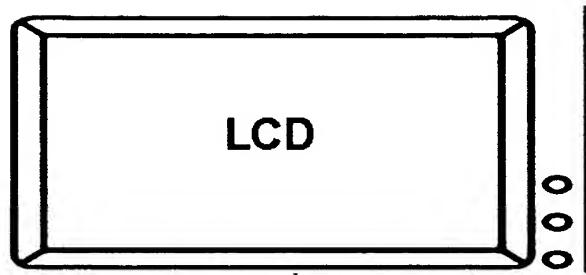
FIG. 13   LCD Top-Level Structure
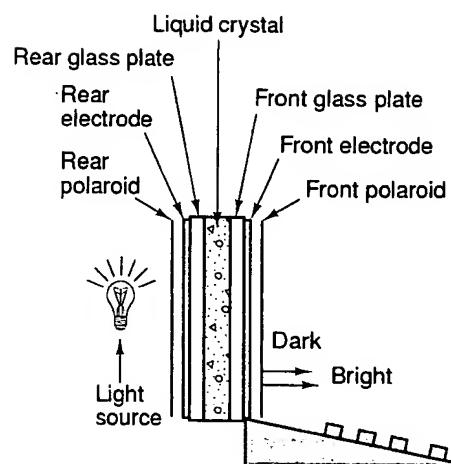
FIG. 14:   The DigiNote
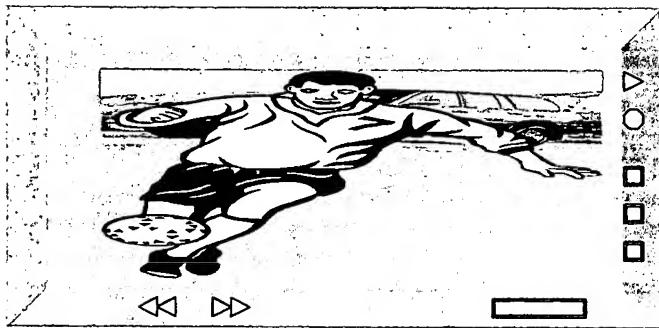
FIG 16A   The DigiMount

FIG. 16B   The DigiMount
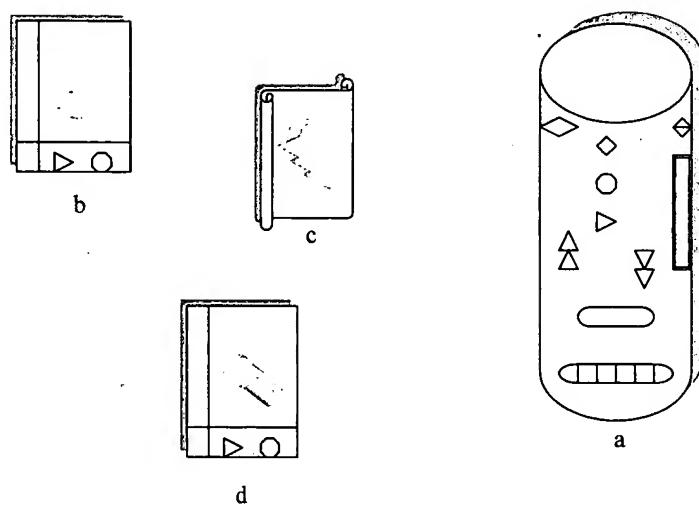
FIG. 16C   The DigiServer (a) and its PDA or Terminals (b, c, d)
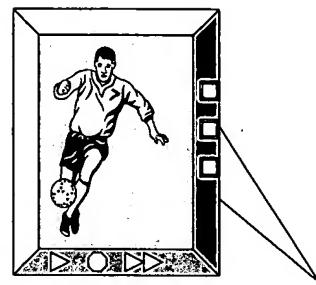
FIG. 16D   The DigiMin
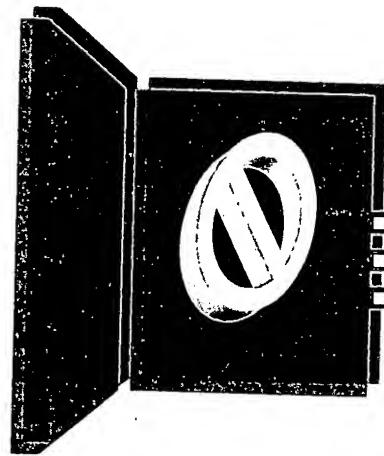
FIG 16E   The DigiNote

FIG. 16F   The DigiDesktop